

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S4	1	"20050044278".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 16:18
S5	5	active near5 firmware near5 update	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 12:30
S6	5	active near5 firmware near5 updat\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 12:33
S7	7	active near5 firmware near5 (updat\$3 upgrad\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 12:35
S8	2	S7 not S6	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 12:33
S9	15106	(firmware code) near5 (updat\$3 upgrad\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 12:35
S10	201	(firmware code) near5 (updat\$3 upgrad\$3) with active	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 12:45
S11	57	S10 and disrupt\$3	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 12:48
S12	22	S10 and disrupt\$3 near5 (operation function\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 12:36

S13	1371	(firmware code memory) near5 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) with active	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 15:12
S14	36	S11 and (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) same (disrupt\$3 interfer\$3 interrupt\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 13:08
S15	1094	(updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) with (drive near3 reset\$4 reboot\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 13:09
S16	1402	(firmware code memory rom read\$1only\$1memory eeprom flash) near5 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) with active	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 16:46
S17	162	S16 and drive near5 (active normal operat\$3 function\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 16:47
S18	5728	(firmware code memory rom read\$1only\$1memory eeprom flash) near5 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) and ((updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) with active)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 17:10
S19	757	S18 and drive near5 (active normal operat\$3 function\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 17:10
S20	5147	710/5,8.ccls. 711/100,103.ccls. 717/168,173,174.ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 16:50
S21	23	S20 and S19	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 17:11
S22	1	("6675258").URPN.	USPAT	OR	ON	2005/04/13 16:56
S23	5	("5848230"   "6065096"   "6085332"   "6085333"   "6446153").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/13 16:58

S24	306	S19 and (activat\$3 run\$4 updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) near4 (reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 17:11
S25	6390	(firmware code instruction memory rom read\$1only\$1memory eeprom flash) near5 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) and ((updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) with active)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:25
S26	757	S19 and drive near5 (active normal operat\$3 function\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 17:10
S27	793	S25 and drive near5 (active normal operat\$3 function\$3)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 17:10
S28	23	S20 and S27	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 17:11
S29	321	S27 and (activat\$3 run\$4 updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) near4 (reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 17:14
S30	179	S29 and (firmware code instruction memory rom read\$1only\$1memory eeprom flash) with (activat\$3 run\$4 updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) with (reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 13:03
S31	55	S29 and (firmware code instruction memory rom read\$1only\$1memory eeprom flash) near5 (activat\$3 run\$4 updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) near5 (reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/13 17:14

S32	22	(firmware code instruction memory rom read\$1only\$1memory eeprom flash)with seamless near4 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 10:24
S33	4	"6266736".pn. "20040133888".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 10:08
S34	22	"5,210,854".pn. "6,101,327".pn. "6,463,584".pn. "20030051235". pn. "5,432,927".pn. "20040255293".pn. "20020170052".pn. "20030066065".pn. "20030018964".pn. "5,870,611". pn. "5,867,713".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 10:23
S35	190388	(firmware code instruction memory rom read\$1only\$1memory eeprom flash)with(updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:14
S36	597	S35 with transparent\$2	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 10:24
S37	5155	710/5,8.ccls. 711/100,103.ccls. 717/168,173,174.ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 10:25
S38	13	S36 and S37	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 10:25
S39	10	("5732275"   "5764992"   "6044442"   "6151643"   "6167567"   "6237091"   "6253281"   "6266736"   "6304798"   "6519678").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/14 10:26
S40	28	S36 and (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) near4 (reset\$3 power)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 11:04
S41	0	("6782448").URPN.	USPAT	OR	ON	2005/04/14 10:41

S42	10	("5732275"   "5764992"   "6044442"   "6151643"   "6167567"   "6237091"   "6253281"   "6266736"   "6304798"   "6519678").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/14 10:41
S43	51	S36 and (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) near4(reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 11:16
S44	23	S43 not S40	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 11:05
S45	67116	(updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) near4(reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:13
S46	12489	S35 and S45	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 11:17
S47	319	S46 and S37	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 11:17
S48	27512	(updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) near4(transparent\$2 seamless\$2 disrupt\$3 interfer\$3 interrupt\$3 disturb\$6)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 11:18
S49	81	S47 and S48	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 11:18
S50	10	("5732275"   "5764992"   "6044442"   "6151643"   "6167567"   "6237091"   "6253281"   "6266736"   "6304798"   "6519678").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/14 12:05
S51	43247	(reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$) adj5 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:14



S52	8675	S35 and S51	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:14
S53	1816	S52 and (detect\$3 determining) near3 (reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:16
S54	668	S53 and (detect\$3 determining) near3 (reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$) same (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:22
S55	17	S37 and S54	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:18
S56	328	S53 and (detect\$3 determining) near3 (reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$) with (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:23
S57	204	S53 and (detect\$3 determining) near3 (reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$)adj10 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:23
S58	162	S53 and (detect\$3 determining) near3 (reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$)adj5 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:41
S59	119	S58 and ((updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) with (active normal operat\$3 function\$3))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:41
S60	118	S53 and (detect\$3 determining) adj3 (reset\$4 reboot\$3 re\$1start\$3 power\$3 turn\$)adj5 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:41
S61	97	S59 and ((updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) near5 (active normal operat\$3 function\$3))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:42

S62	89	S59 and ((updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) near3 (active normal operat\$3 function\$3))	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 12:42
S63	0	("6754895").URPN.	USPAT	OR	ON	2005/04/14 12:48
S64	275	S51 and S37	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 13:03
S65	5	S59 and S37	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 13:03
S66	22	"20020073413".pn. "20030163508".pn. "5,974,544".pn. "6,073,232".pn. "6317,815".pn. "6,356,977".pn. "6,363,457".pn. S33 "560,703".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 13:21
S67	16	"20020073413".pn. "20030163508".pn. "5974544".pn. "6073232".pn. "6317815".pn. "6356977".pn. "6363457".pn. "6560703".pn.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/14 13:22
S68	7	("5388267"   "5933631"   "5940627"   "5974567"   "6009497"   "6018629"   "6018747").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/04/14 13:22
S69	197	power adj cycle near3 reset	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/04/18 16:19
S70	203	(command instruction demand request) near4 (time interval period window) with (greater larger longer) with (updat\$3 upgrad\$3 install\$3 patch\$3 modif\$7 alter)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 09:10
S71	6239	(firmware code memory rom read\$1only\$1memory eeprom flash) near5 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) and ((updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) with active)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 12:49

S72	7	S70 and S71	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/03 12:49
S73	4	(command instruction demand request) near4 (time interval period window) adj6 (greater larger longer) adj6 (updat\$3 upgrad\$3 install\$3 patch\$3 modif\$7 alter)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 09:11
S74	4	((command instruction demand request) near4 (time interval period window)) adj6 (greater larger longer) adj6 (updat\$3 upgrad\$3 install\$3 patch\$3 modif\$7 alter)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 09:46
S75	6	(updat\$3 upgrad\$3 install\$3 patch\$3 modif\$7 alter) adj6 (less smaller shorter) adj6 ((command instruction demand request) near4 (time interval period window))	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 09:19
S76	944	(time interval period window) adj6 (greater larger longer) adj6 (updat\$3 upgrad\$3 install\$3 patch\$3 modif\$7 alter)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 09:47
S77	6246	(firmware code memory rom read\$1only\$1memory eeprom flash) near5 (updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) and ((updat\$5 upgrad\$4 modif\$8 patch\$4 alter\$4) with active)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 09:47
S78	25	S76 and S77	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 09:55
S79	138	compar\$3 near3 (time period window interval) with (command instruction demand request) with (updat\$3 upgrad\$3 install\$3 patch\$3 modif\$7 alter)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 09:56
S80	186	compar\$4 near3 (time period window interval) with (command instruction demand request) with (updat\$3 upgrad\$3 install\$3 patch\$3 modif\$7 alter)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 09:57



S81	10	S77 and S80	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 09:57
S82	5753	710/5,8.ccls. 711/100,103.ccls. 717/168,173,174.ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 10:00
S83	2	S80 and S82	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 10:01
S84	13	S76 and S82	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 10:54
S85	1570	fly near3 (updat\$3 upgrad\$3 install\$3 patch\$3 modif\$7 alter)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 11:01
S86	189510	(time interval period window) near4 (updat\$3 upgrad\$3 install\$3 patch\$3 modif\$7 alter)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 11:02
S87	459	S85 and S86	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 11:12
S88	18	S82 and S87	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/04 11:12
S89	6685	(id identity) with (send\$3 transmit\$4 transfer\$4) with (activat\$3 run\$4 updat\$5 upgrad\$4 modify modification patch\$4 alter\$4)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:26

S90	42	S89 same return near3 (id identity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 07:43
S91	5782	710/5,8.ccls. 711/100,103.ccls. 717/168,173,174.ccls.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 07:53
S92	32	S89 and S91	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 07:54
S93	124	(id identity) with (send\$3 transmit\$4 transfer\$4) with (activat\$3 run\$4 updat\$5 upgrad\$4 modify modification patch\$4 alter\$4) with return	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:06
S94	183	(id identity) with (send\$3 transmit\$4 transfer\$4) with (activat\$3 run\$4 updat\$5 upgrad\$4 modify modification patch\$4 alter\$4) with return\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:07
S95	41	(id identity) with (send\$3 transmit\$4 transfer\$4) with (activat\$3 run\$4 updat\$5 upgrad\$4 modify modification patch\$4 alter\$4) with return\$3 near3 (id identity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:15
S96	21	S95 not S90	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:08
S97	94	(id identity) with (send\$3 transmit\$4 transfer\$4) with (activat\$3 run\$4 updat\$5 upgrad\$4 modify modification patch\$4 alter\$4) with (return\$3 back)near3 (id identity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:24
S98	53	S97 not S95	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:16

S99	0	S97 and S91	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:23
S10 0	304	(activat\$3 run\$4 updat\$5 upgrad\$4 modify modification patch\$4 alter\$4) adj8 (return\$3 back)near3 (id identity)	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:24
S10 1	78	S89 and S100	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:26
S10 2	0	S101 and S91	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:27
S10 3	7	S100 and S91	US-PGPUB; USPAT; USOCR; EPO; DERWENT; IBM_TDB	OR	ON	2005/10/17 08:27